CROOKES

20, Mornington Road,
London, N.W.

Dec 11 '75

Prof. Töllens
Leipzig

Dear Sir,

I have obtained an exact measure of the force exerted by a standard candle shining on a lampblacked surface of pitch and I am desirous of calculating from this what would be the force exerted by the sun, the moon, stars, the electric light &c. I can find no trustworthy estimates of the intensity of sun light as compared with that of a sperm candle, one foot off. All the statements of the photometric value of sunlight which I have hitherto seen appear to be little better than guesswork as they vary from 2000 to 18.000 candles. As you are the recognised authority on subjects of photometry I hope you will be kind enough to favour me with any information you may possess on this subject.

Believe me Very truly yours
William Crookes.

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